

### Abstract

A soft stretch yarn substantially comprising polyester fibres has a stress, at 50% yarn stretch, of no more than  $30 \times 10^{-3}$  cN/dtex and, at the same time, a percentage recovery of at least 60%. Preferably, the Uster unevenness is no more than 2.0% and the crimp diameter is no more than 250  $\mu\text{m}$ . This soft stretch yarn can be produced by spinning yarn of conjugate fibres comprising two types of polyester in which one component is PTT at a take-up velocity of at least 1200 m/min, drawing at a drawing temperature of 50 to 80°C at a draw ratio such that the drawn yarn tensile elongation is 20 to 45%, and then heat setting.

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